



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

By Carol Day at 10:21 am, Sep 03, 2013

REPORT #7

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 092835	PRINTER SN 071.3383.132	DATE OF INSPECTION 09/01/2013
LOCATION OF INSTRUMENT (STREET AND CITY) 4525 Downs Drive St. Joseph, MO 64507		TIME OF INSPECTION 8:33 am

CHECKLIST: Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

☒ DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)

☒ TEMPERATURE OF ALCO SENSOR (10°C - 40°C)

☒ PRINTER WORKING PROPERLY

☒ TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

☒ SIMULATOR SOLUTION ☐ COMPRESSED ETHANOL-GAS MIXTURE

☒ STANDARD SUPPLIER RepCo Marketing, Inc. LOT # 12001 EXP. DATE 04/02/2014

☒ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD3506 SIMULATOR EXP DATE 12/19/2013

☒ CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)

Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

☒ 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE

☐ 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE

☐ 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 .095

TEST 2 .095

TEST 3 .095

☒ RFI DETECTOR OPERATING

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:
(DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS	0	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0
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List any new parts and describe any alterations or modifications that was made to restore the instrument to operate satisfactorily and within established limits (use other sheet if necessary).

Instrument operating within established limits by the Missouri Department of Health and Senior Services. Solution provided by RepCo Marketing, Inc. Standard lot # 12001 expires 04/02/2014.

INSPECTING OFFICER

SIGNATURE

James Bench

PRINT NAME

James Bench

TYPE II PERMIT NUMBER/EXPIRATION DATE

22053/02-21-2014

TELEPHONE NUMBER

(16) 271-4433

Return completed report to the: Bureau of Laboratory Services, Missouri Department of Health and Senior Services, Southeast District Office

CERTIFICATE OF ANALYSIS

MANUFACTURER AND SUPPLIER: RepCo Marketing, Inc.

LOT NUMBER: 12001

EXPIRATION DATE: April 2, 2014 at 11:59 p.m.

RepCo Marketing, Inc. certifies the following:

RepCo Marketing, Inc. manufactured, tested and supplied Lot Number 12001 of Alcohol Certified Solution for simulators. Random samples of said lot number were analyzed by an independent laboratory utilizing a gas chromatograph and found to contain .1205 gms/dl +/- .003 gms/dl wt/vol ethanol (95% Confidence).

The alcohol and distilled water used in the solution were found to be free of any interfering substance.

This solution will produce a vapor alcohol value of .100 +/-3% gms/210L Breath when heated to 34 Degrees Celsius +/-0.2 Degrees Celsius in a simulator (95% Confidence).

The date of manufacture for this lot number is April 3, 2012.
The expiration date for this lot number is April 2, 2014
at 11:59 p.m.

This document is a true representation of the original Certificate of Analysis.



Cecil B. Garner, President
RepCo Marketing, Inc.

HS IV Serial no: 092835
 Version no: 0940

TEST RESULTS 00000

Test	Type	Time	Unit
1	00000	00000	00000
2	00000	00000	00000
3	00000	00000	00000
4	00000	00000	00000
5	00000	00000	00000
6	00000	00000	00000
7	00000	00000	00000
8	00000	00000	00000
9	00000	00000	00000
10	00000	00000	00000

James Behr 2117

4525 Down's Dr.

St. Joseph, Mo 64507

HS IV Serial no: 092835
 Version no: 0940

TEST RESULTS 00000

Test	Type	Time	Unit
1	00000	00000	00000
2	00000	00000	00000
3	00000	00000	00000
4	00000	00000	00000
5	00000	00000	00000
6	00000	00000	00000
7	00000	00000	00000
8	00000	00000	00000
9	00000	00000	00000
10	00000	00000	00000

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6	00000	00000	00000
7	00000	00000	00000
8	00000	00000	00000
9	00000	00000	00000
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9	00000	00000	00000
10	00000	00000	00000

James Behr 2117

4525 Down's Dr.

St. Joseph, Mo 64507

State of Missouri
DEPARTMENT OF HEALTH



P E R M I T
TYPE II



JAMES BENCH

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field repairs, and operate the following breath analyzer(s):

ALCO-SENSOR IV W/PRINTER

for the determination of the alcoholic content of blood from a sample of expired (alveolar) air. Issued under the provisions of sections 577.020 through 577.041, RSMo 1986.

Date 02/21/2012

Number 220053

Expires 02/21/2014

MO 580-0771 (7-88)

Director of State Public Health Laboratory

Director, Department of Health

Lab. 4 (R7-88)